



NIELIT CALICUT

(Autonomous Scientific Society of Ministry of Electronics & Information Technology, Govt. of India)

NIT Campus Post, CALICUT-673 601, KERALA

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Phone : 0495-2287266 Fax : 0495-2287168

By Speed Post

LIMITED TENDER ENQUIRY

Ref. No. 2(1122)/2019-20/SMF/3DPRNTR/EQPT

Date: 16.12.2019

As per List Attached – **06 Nos.**

DUE DATE: 30.12.2019

1. Quotations are invited for the supply of the items as per Annexure.
2. The quotations duly **SIGNED, SEALED AND SUPERSCRIBED ON THE ENVELOPE WITH THE REFERENCE No. AND DUE DATE**, should be addressed to the undersigned so as to reach on or before the due date stipulated above. Quotations received after the due date will not be considered.
3. The quotations should be valid for acceptance for a period of **sixty days** from the due date
4. Quotations will not be accepted by Fax, Email or any such electronic data transfer form.
5. The quotations should be for goods exactly conforming to our requirements and specifications.
6. If the item is under DGS&D Rate contract, the number and the price applicable must be mentioned. It may also please be indicated whether the supply can be made direct to us at the DGS&D Rate Contract Price.
7. Relevant literature pertaining to the items quoted with full specifications and drawings, if any should be sent along with the quotations, wherever applicable. Samples, if called for, should be submitted free of charges and collected back at the supplier's expenses.
8. Copy of Manufacturing licence, Principal or Authorized Distributor/Dealer Certificate, and Proprietary Certificate, as applicable, should be enclosed.
9. Quotations should be for **free delivery** at our Centre and should clearly specify the **delivery period**. If delivery quoted is Ex-Godown/Consignor Station, delivery charges consisting of freight, packing & forwarding charges, insurance, etc. should be indicated separately. Goods should be supplied duly carriage paid and insured.
10. GST Registration Number of NIELIT Calicut is: **32AAATD0315M1Z6**. GST or any other taxes may be charged as per the rates applicable to Scientific/Educational institutions.
11. Security Deposit @ 5% of the Purchase Order/Invoice value shall be retained, in case order/contract value exceeds Rs.1 lakh, which will be released after the expiry of warranty period.
12. Goods shall not be supplied without an official purchase order.
13. Payment : Payment will be made after completion of supply, installation/assembly and commissioning of the items covered by the order along with necessary spares supplied to the entire satisfaction of NIELIT CALICUT. Payment against invoices shall normally be made within 30 days of receipt and acceptance of equipment/materials at our office. **No advance payment will be made under any circumstance.**
14. Incomplete quotations and quotations which do not comply with all the above instructions are liable to be summarily rejected.
15. NIELIT CALICUT does not bind itself to accept the lowest or any such quotation and has the right to accept or reject whole or any part of tenders or a portion of the supply of goods without assigning any reasons. No correspondence in case of rejected tenders will be entertained.
16. Earnest Money Deposit (E.M.D.) for Rs. **25,000/-** be deposited by NEFT in the Bank Account No. 10401158037 (IFSC: SBIN0022207) at State Bank of India, NIT Calicut Branch, CREC Campus, Chathamangalam, Calicut – 673 601, in favour of Director, NIELIT CALICUT, failing which the quotation will be rejected. Proof of Deposit of EMD amount should be submitted with the Quotation.

Yours faithfully,

Purchase In-Charge
For Executive Director

Encl: **Annexure**

ANNEXURE TO ENQUIRY

Your Quotation No.

Date:

1	Name of item(s)	3D Printer
2	Specifications & Quantity As per separate sheet attached.	
3	Price per unit in Rs. (in figures & words)	Attach separate list, if required.
4	Total Price in Rupees (in figures & words)	
5	Delivery Period	
6	Terms of Delivery	
7	Taxes, Duties, Octroi & any other statutory levies or charges	
8	Transportation, Insurance, Packing & Forwarding etc.	
9	Discount/off etc., if any	
10	GST Registration No.	
11	Payment Terms	
12	Validity of Tender	
13	Warranty	
14	Any other remarks / EMD Amount and Payment details	
15	Signature of the Tenderer with Name and Date	
16	Address with Email ID & Mobile No.	
17	Central Public Procurement Portal (www.eprocure.gov.in) Registration, Email login ID	

- NB:** (1) The prices quoted and Taxes charged should be Academic/Educational Prices/rates, wherever applicable.
- (2) Enquiry for the above items and specifications can also be downloaded from our website <http://nielit.gov.in/calicut> or www.eprocure.gov.in
- (3) Please register at www.eprocure.gov.in and intimate login details without fail. Watch website for regular updates.

3D Printer Specification sheet		Complied (Yes/No with details)
Technology	Fused Deposition Modelling (FDM) or Fused Filament Fabrication (FFF)	
Material station	Quote separately	
Print head	Dual extrusion print head with auto nozzle lifting system and swappable	
Build volume	XYZ: 330 x 240 x 300 mm or better (left or right nozzle, or dual extrusion)	
Display	Min 4.5" colour touch screen or better	
Filament diameter	1.75mm or 3 mm	
Layer resolution	0.02 mm or better	
XYZ accuracy	7.5 microns, 7.5microns, 3microns or better	
Print head travel speed	10 - 250 mm/s or better	
Build speed	20mm ³ /sec or better	
Build plate	Heated glass build plate and Heated aluminium build plate	
Build plate temperature	20 - 140°C or better	
Build plate levelling	Active levelling	
Supported materials	PLA, Tough PLA, Nylon, ABS, CPE,PC, Breakaway	
Nozzle diameters	0.25 mm, 0.4 mm, 0.8 mm	
Nozzle temperature	250°C or more	
Nozzle heat up time	< 2 min or better	
Build plate heat up time	< 4 min or better	
Operating sound	50 dBA or better	
Material recognition	Auto-recognition with scanner	
Connectivity	Wi-Fi, LAN, USB port	
Monitoring	Live camera	
Power	100 - 240 VAC 6 A 50 - 60 Hz	
Supplied software's	3d Printing host for slicing & Print preparation software with and printer management software solution	
Supported OS	macOS, Windows and Linux	
File types	STL, OBJ, X3D, 3MF, BMP, GIF, JPG, PNG	
Certification	CE, RoHS, BIS	
Raw Material/filament	5 spools (1kg) each of all supported type (for e.g. PLA, ABS etc.)	
Installation & commissioning	Transportation, Installation and commissioning at NIELIT, Calicut	
Warranty	One year minimum	
AMC	Quote separately for 1 year, 1&2 year and 1,2,& 3 years after warranty	
Training	Training: Two days training for our staff	
General	Authorization certificate from OEM to be attached against inquiry	
	Quote Educational pricing for the system & software	

Sign of Authorized signatory
with name & Seal